

Certificate of Analysis

Uracil DNA Glycosylase

Product No. 18054015, 10748653

Lot No. 3036113

Date of Manufacture 16-Aug-2024

Expiration Date 12-Feb-2027

Refractive Index

Specification: 1.40 - 1.41

Result: Meets Specification

Unit

Specification: ≥ 1 unit/ μ l

Result: Meets Specification

Endonuclease

Specification: Compared to the negative control, there must be $\leq 5\%$ degradation of ϕ X174 (+) strand DNA when incubated with 50 units of enzyme for 5 hours at 37°C.

Result: Meets Specification

Exonuclease

Specification: With 1 pmol of the relevant substrate the following criteria must be obtained after a 1-hour incubation: 5' ss, 3' ds, 5' ds % released: $\leq 0.01\%$ of termini released per unit of enzyme.

Result: Meets Specification

RNase

Specification: No degradation of CAT Control RNA when incubated with enzyme for 5 hours at 37°C.

Result: Meets Specification

For Research Use Only. Not for use in diagnostic procedures.

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A handwritten signature in blue ink, appearing to read 'Chevohn Joseph', with a stylized flourish at the end.

Chevohn Joseph
Director, Quality
Issued on 22-Aug-2024